

COMPANY NAME PERKIN-ELMER		ENGINEERING STUDY <input type="checkbox"/>		CHANGE PROPOSAL <input checked="" type="checkbox"/>		Proposal No. PE-30				
DATE October 9, 1963		AFFECTS:		WSPO <input type="checkbox"/>		PROJECT <input checked="" type="checkbox"/>				
NAME OF MAJOR COMPONENT Tracking Camera		PART OR LOWEST SUBASSEMBLY		PART NO. & MODEL OR TYPE 151-0012 MK 1A						
TITLE OF PROPOSAL: Visual frame counter for MK 1A Tracking Camera										
NATURE OF PROPOSAL: Add three-digit counter to control panel as indicator of exposed frames. Counter to be supplied in kit form and installed by technical representatives at field sites. Sample conversion chart attached.										
REASON FOR PROPOSAL: At time hatch is lowered, counter will indicate success of tracker operation and amount of footage exposed. Det "H" indicates that time saved by this method versus removing tracker from hatch, transporting unit to darkroom, unloading and physically measuring amount of exposed material is a very desirable feature.										
E S		ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED:								
C P		ESTIMATED COST FOR KITS OR PARTS: \$76.00 Kit (Based on 12 Kit suggested qty) ADDITIONAL FUNDING REQUIRED:								
ITEMS AFFECTED BY PROPOSAL:										
Safety	Mission Effectiveness	Performance	Operating Procedure	Interchangeability	Weight or Weight & Balance	Tools & Support Equipment	Maintenance Procedure	Service Life	Flight Manual	Maintenance Manual
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD								5 Hours		
SOURCE OF PARTS FOR KIT Contractor						AVAILABILITY		5		WEEKS AFTER APPROVAL
DISPOSITION OF SPARES AFFECTED								N/A		
INITIATED BY:						APPROVED:		WSPO PROJECT		
Approved For Release 2002/06/14 : CIA-RDP71B00697R001600050016-0						Approved For Release 2002/06/14 : CIA-RDP71B00697R001600050016-0				

Conversion Chart - Frame Counter
(To be supplied in laminated form)

<u>Circle</u>	<u>Feet</u>	<u>Time In Hours</u>	<u>Circle</u>	<u>Feet</u>	<u>Time In Hours</u>	<u>Circle</u>	<u>Feet</u>	<u>Time In Hours</u>
			1	.873	.009	26	22.698	
100	87.300	.90	2	1.746	.018	27	23.571	
150	130.950	1.35	3	2.619	.027	28	24.444	
200	174.600	1.80	4	3.492	.036	29	25.317	
250	218.250	2.25	5	4.365	.045	30	26.190	.270
300	261.900	2.70	6	5.238	.054	31	27.063	
350	305.550	3.15	7	6.111	.063	32	27.936	
400	349.200	3.60	8	6.984	.072	33	28.809	
450	392.850	4.05	9	7.857	.081	34	29.682	
500	436.500	4.50	10	8.730	.090	35	30.555	
550	480.150	4.95	11	9.603		36	31.428	
600	523.800	5.40	12	10.476		37	32.301	
650	567.450	5.85	13	11.349		38	33.174	
700	611.100	6.30	14	12.222		39	34.047	
750	654.750	6.75	15	13.095		40	34.920	.360
800	698.400	7.20	16	13.968		41	35.793	
850	742.050	7.65	17	14.841		42	36.666	
900	785.700	8.10	18	15.714		43	37.539	
950	829.350	8.55	19	16.587		44	38.412	
1000	873.000	9.00	20	17.460	.180	45	39.285	
1050	916.650	9.45	21	18.333		46	40.158	
1100	960.300	9.90	22	19.206		47	41.031	
1200	1003.950	10.35	23	20.079		48	41.904	
			24	20.952		49	42.777	
			25	21.825		50	43.650	.450